

FILE COPY

Sheet 1 of 1

Form PTO-1449		U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. 381TO/41092	Serial No. 07/064,765 -07/985,199			
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Hiroshi Onishi et al. 2 Filing Date: 4/23/93 (December 3, 1992)					
		Group: 2304-3661					
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes No
<i>m/j Coop</i>	AI	63-45976	9/88	Japan			(Abstract only)
	AJ						
	AK						
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
EXAMINER		<i>Collie Park</i> <i>M. Jandl</i>	DATE CONSIDERED			<i>10/31/94</i> <i>12/17/93</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

Form PTO-1449

U.S. Department of Commerce
Patent & Trademark Office

Atty. Docket No.

381TO/41092

Serial No.
09/064,765
07/985,199

Applicant: Hiroshi Onishi et al.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)Filing Date: 4/23/93
December 3, 1992Group: 2304
3661

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes No
MJ2cap	AI	40 10 104 A1	10/90	Germany			✓
Cup	AJ	28 52 195 C2	6/80	Germany			✓
Cup	AK	91/15 689 A1	10/91	WIPO			✓
Cup	AL	03 75 155 A1	6/90	EPO			✓
Cup	AM	35 39 682 C2	5/86	Germany			✓
Cup	AN	33 41 652 C2	6/85	Germany			✓
Cup	AO	3-117 769 (A)	5/91	Japan (abstract)			✓
MJ2cap	AP	3-134 363 (A)	6/91	Japan (abstract)			✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

EXAMINER

Cecilia Parke

DATE CONSIDERED

10/31/94

12/17/93

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FORM PTO-892
(REV. 03-78)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

SERIAL NO.

GROUP ART UNIT

ATTACHMENT
TO PAPER NO.

NOTICE OF REFERENCES CITED

091965,199
09/064,761
2304
3661

APPLICANT(S)

Hiroshi OHNISHI et al.

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
+	A	5,035,160	7/30/91	Morita	477	154	
+	B	5,088,354	2/18/92	Asada	475	276	
+	C	4,836,057	6/06/89	Asayama et al.	477	120	
+	D	5,140,870	8/25/92	Asada	364	424.1	
+	E	5,231,582	7/27/93	Takahashi et al.	364	424.1	9/01/92
+	F	5,231,897	8/03/93	Morita	364	424.1 X	4/15/91
+	G	5,267,158	11/30/93	Sakaguchi et al.	364	424.1	9/04/92
+	H	5,319,555	6/07/94	Iwaki et al.	364	424.1	9/04/92
+	I	5,292,288	3/08/94	Kashiwabara et al.	477	156	11/22/91
+	J	5,309,790	5/10/94	Tanaka	477	161	9/09/91

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
	L						
	M						
	N						
	O						
	P						
	Q						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	
	S	
	T	

EXAMINER

Gellin W. Park
M. Zanelli

DATE

40/31/94
12/17/92* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05(a).)